

- Drafts
  - BRS: 8 and p
- Pending
- Active
  - L1: (250666) "heat exchanger"
  - L2: (61993) 1 and plate
  - L3: (35597) 2 and ("heat exchanger" same plate)
  - L4: (6685) 3 and (plate same (channel or groove or etching ro chevron))
  - L5: (28250) "6" and ((exhaust or "tail gas") same plate)
  - L6: (581) 4 and ((exhaust or "tail gas") same plate)
  - L7: (80) 6 and "fuel cell"
  - L8: (78489) ((heat or energy) same (recover or recovery))
  - L9: (16996) 8 and plate
  - L10: (2408) 9 and (plate same (channel or groove or etching ro chevron))
  - L11: (152) 10 and "fuel cell"
  - L12: (1057) 429/26.cds.
  - L13: (2453) 429/34-39.cds.
  - L14: (3081) 12 or 13
  - L15: (2383) 14 and ("heat exchanger" or recover or heat or recovery or energy)
  - L16: (733) 15 and "heat exchanger"
  - L17: (259) 15 and ((heat or energy) same (recover or recovery))
  - L18: (813) 16 or 17
  - L19: (298) 18 and (plate same (channel or groove or etching ro chevron))**
- Failed
  - (0) 6 and ((exhaust or "tail gas") same plate\_
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DBs: USPAT, US-PGPUB, EPO, JPO, DI ☒ Plurals  
Default operator: OR ☒ Highlight all hit terms initially

18 and (plate same (channel or groove or etching ro chevron))

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U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Classif	Im
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 Drafts

11-11-84 BRS: 8 and p

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1.14: (2881) 10-15

L1E: (3293) 14 or 15

116: (722) 15 and "heat exchanger" or recover or heat or recovery or energy)

117: (250) 15 and 4/heat

18: (813) 16 or 17

119: (200) 18 par (

Failed




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DBs ☐ USPAT; US-PGPUB; EPO; JPO; D ☒ Plurals

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18 and (plate same (channel or groove or etching to chevron)

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<input type="checkbox"/>	<input type="checkbox"/>	US 20040028979 A1	20040212	19	Method and apparatus for electrochemical compression and expansion of hydrogen in a fuel cell system	429/34	429/30		Ballantine, Arne
<input type="checkbox"/>	<input type="checkbox"/>	US 20040028970 A1	20040212	19	Fuel cell system and method	429/24	429/13; 429/22; 429/26		Sakai, Hiromasa
<input type="checkbox"/>	<input type="checkbox"/>	US 20040028965 A1	20040212	22	Method and apparatus for electrochemical compression and expansion of hydrogen in a fuel cell system	429/21	429/25; 429/26; 429/34		McElroy, James
<input type="checkbox"/>	<input type="checkbox"/>	US 20040023101 A1	20040205	19	Electrochemical cell stack assembly	429/38	429/26; 429/31; 429/32		Jacobson, Craig
<input type="checkbox"/>	<input type="checkbox"/>	US 20040023089 A1	20040205	16	Polymer electrolyte membrane fuel cell system comprising a cooling medium distribution space and cooling medium collection space and with cooling	429/26	429/32; 429/37; 429/38		Schiegl, Andrea
<input type="checkbox"/>	<input type="checkbox"/>	US 20040013928 A1	20040122	26	Direct liquid fuel cell power generating device and method of controlling the same	429/34	429/13; 429/23		Yamauchi, Take